Do you speak digital?

Introducing the DTR550™ and DTR650™ Digital On-Site Two-Way Radios for Small Business

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Why Business Two-Way Radio?

Unlike alternative technologies, there are:

No Monthly Fees

No Service Towers

No Per-Minute Charges

No Concerns about Communicating Outside a Provider's Coverage Area

Plus, These Durable On-Site Two-Way Radios Help Businesses Keep Operations on Schedule, Maximize Job Shift Productivity, Enhance Security, and Increase Overall Customer Satisfaction

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The Digital Advantage

Up to 20% More Coverage*

Up to 45% Longer Operation Per Charge*

Loud and Clear, Right Up to the Edge of Coverage

No License Required

Frequency Hopping Spread Spectrum (FHSS)

Short Message Service (SMS) Text Messaging

* Coverage will vary based on terrain and conditions. All comparison claims made against Motorola CP100/XU2600 analog radio models. High capacity battery used.

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Plus Three Unique Calling Options

Digital One-to-One Calling

Digital One-to-Many Calling — Private Group Call

Digital One-to-Many Calling — Public Group Call

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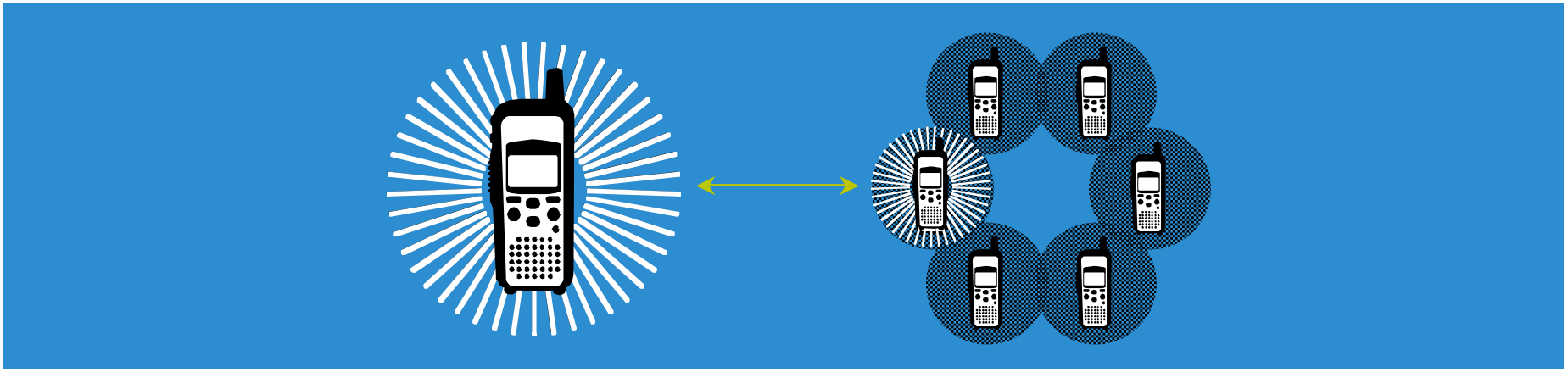
Unique Calling Options

Digital One-to-One Calling

Allows you to call and talk privately with a specific user's radio. A private call recipient can receive an alert — either an audible or vibrating signal. And the recipient's radio displays the caller's ID.



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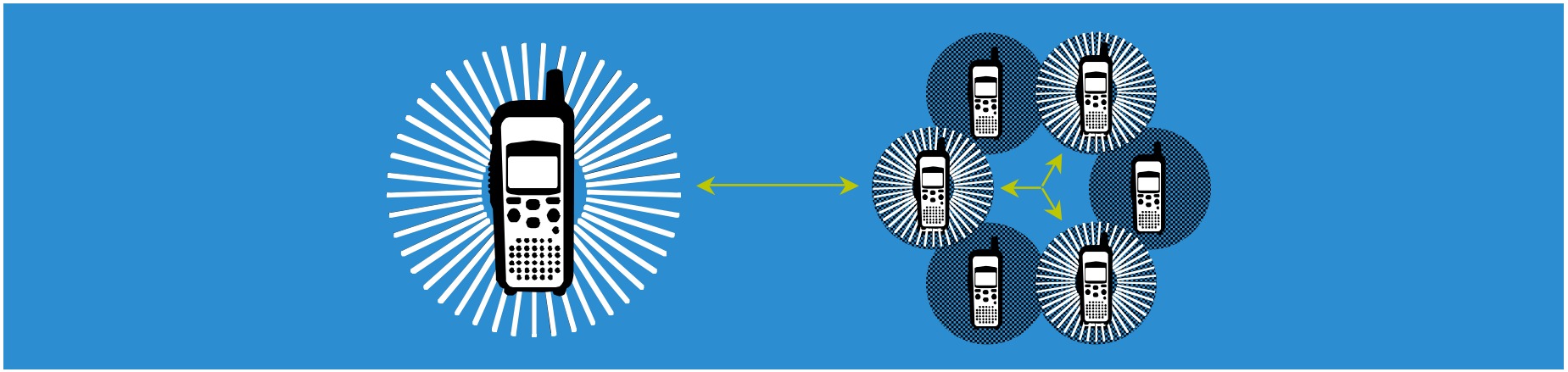
Unique Calling Options

Digital One-to-Many Calling

Private group call — enables you to program DTR Series radios to communicate with specific sets of group members. Caller ID displays group identification.



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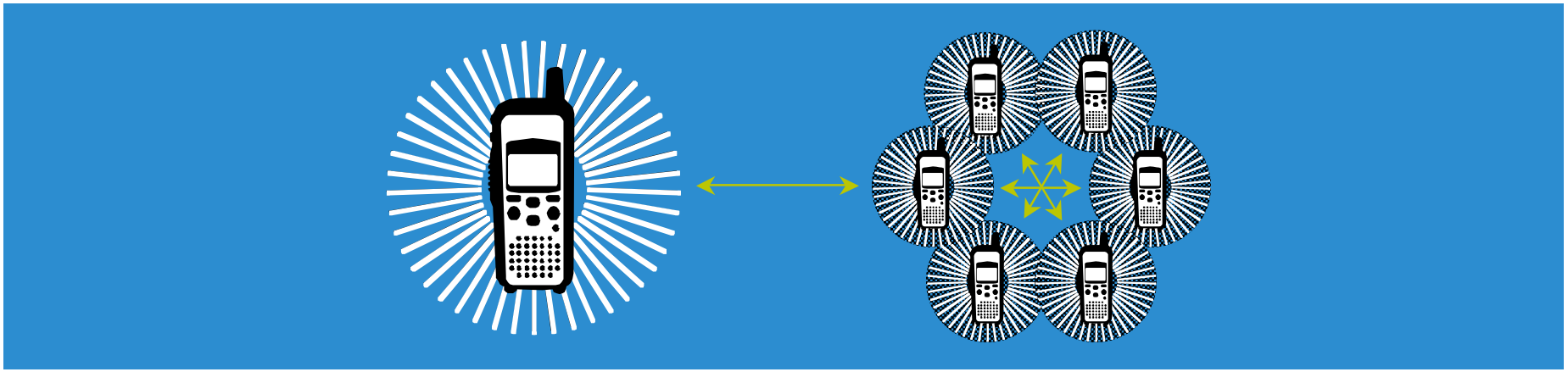
Unique Calling Options

Digital One-to-Many Calling

Public group call — all other DTR Series radios on the same group ID and channel hear communications, similar to analog radio operation.



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Advanced Features

Short Message Service (SMS) Text Messaging — with ten preset messages (five on DTR550), for example, “I’ll call you back in 5 minutes”, and support for keyed-in custom messages to meet more specific needs.

Call Forwarding to other radio Ids — notify others that you’re unavailable and allow them to speak with another contact for assistance.

Transmit ID — receiving radios will display the Radio ID of the transmitting unit and, if listed in the receiving radio’s contact list, the transmitting unit’s radio name.

Scroll Lists for Radio IDs and Recent Calls — can display frequently used group and private group IDs for easiest access. You can also view a recent-calls list, showing the source and target of the last 10 transmissions with time and date information.

Radio-to-Radio Cloning for Configuration and User Menu Settings

Remote Monitor and Disable (DTR650™)

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Two Models to Choose from

DTR550™
for your Employees

DTR650™
with Enhanced Capabilities for Management

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DTR Digital Radio Features

Rubber Overmold Grip

Volume Controls

Push-To-Talk Button

Menu Key

Navigation Keys
Use to select members in scroll list or scroll through menu settings

Accessory Connector
Use to connect non-audio accessories or for plug-in charging

Antenna

Audio Jack

Option Keys
Use to select display options

Home Key
Use to exit the current menu and return to the idle screen

Power Button
Press to turn on, hold to turn off

Microphone

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Programming Guide

Your radio is ready to use after a fully-charged battery has been installed. However, your radio should be programmed to ensure compatibility with existing DTR Series™ radios and to fully utilize all features.

To enter Programming Mode:

1. Hold down and press the PTT button three times
2. Press the right
3. Press the down
4. Press the left
5. Hold down and press the PTT button three times

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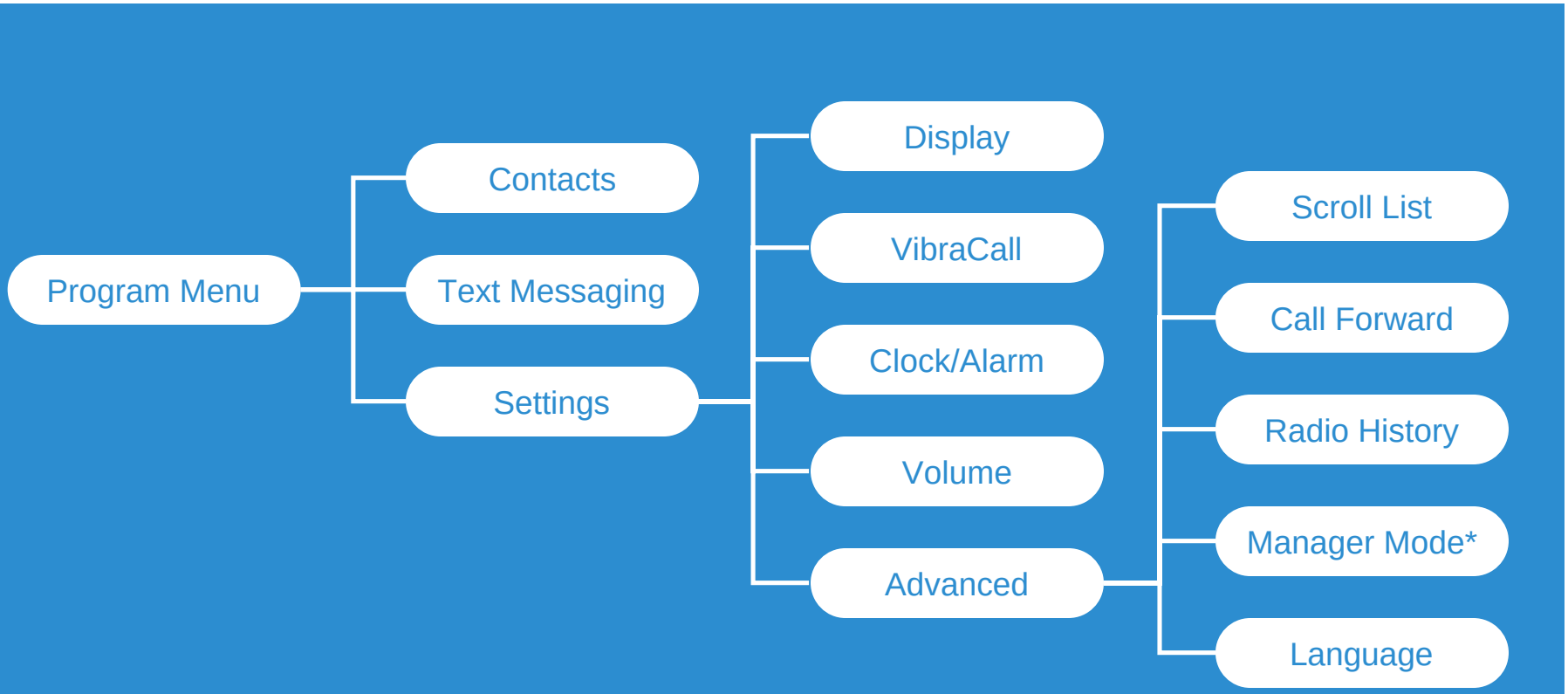
Programming Guide



* Select Model Only
For further information refer to your specific product User Guide included on the CD.

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DTR650 Standard Package Includes:

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DTR550 Standard Package Includes:

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MOTOROLA

Ideal for Education

Keep Everyone in Touch to Help Maintain Order and Enhance Student Safety

For Everyone from Teachers and Administrators to Crossing Guards and Maintenance Personnel

Enables Quick Response to Any Situation

Helps Prevent Small Problems from Escalating into Bigger Ones

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MOTOROLA

Ideal for Manufacturing

Provides Loud, Clear Communication to Drive Efficiency and Responsiveness

Helps Avoid Downtime and Enables Fast Response to Production Problems or Injuries

Rugged Construction Stands up to Industrial Environments

Long Battery Life Meets the Demands of Overtime and Multi-Shift Operations

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MOTOROLA

Ideal for Hospitality

Helps you Deliver Excellent Service and Customer Satisfaction

Keeps Staff Connected, from the Front Desk and Concierge to Event Planners and Maintenance Personnel

Enhances Staff Productivity

Enables Fast Response to Guest Needs, Special Events, Spills and Emergencies

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MOTOROLA

Ideal for Retail

Helps you Provide Responsive Service to Drive Sales and Customer Satisfaction

For Fast Communication, from an Answer to a Customer's Question to a Price Check, a Clean-Up to an Emergency

Helps Take Customer Satisfaction to the Next Level

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MOTOROLA

Ideal for Construction

Facilitates Keeping any Construction Project on Track

Provides Timely Coordination from Project Management to Foremen, Subcontractors, and Tradespeople

Helps Avoid Errors, Meet Deadlines and Keep Costs On Budget

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MOTOROLA

Ideal for Property Management

Enables Building Managers, Maintenance Technicians, and Groundskeepers to Respond Promptly to Tenant Needs

Permits Security Personnel to Respond to Emergencies Without Delay

Helps Minimize Costs and Ensure Tenant Satisfaction

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MOTOROLA

Proven Rugged and Reliable

Tested to Military 810 C,D,E, and F Standards

Blowing Rain — steady rainfall and wind for 30 minutes on every surface

Salt Fog — 48 hours of exposure

Blowing Dust — six hours of blowing dust on all surfaces

Vibration — up to nine hours of exposure to vibration

Shock — 18 shocks with a minimum G force of 40 G each

Temperature Storage — multiple hours of exposure to storage temperatures as low as -67° F and as high as 160° F

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MOTOROLA

Key Specifications

General Specifications

Frequency	900 MHz ISM FHSS
Dimensions	132.3mm H x 57.2mm W x 35.4mm D (5.2" H x 2.3" W x 1.4" D)
Weight	200.2g (7.1oz.) to 205.7g (7.3oz.)
Battery Life @ 5-5-90 Duty Cycle:	
with 1200 mAH Li-Ion Battery	14.5 Hrs.
with 1500 mAH Li-Ion Battery	19 Hrs.

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Key Specifications

Receiver Specifications

Sensitivity:	
(3% BER Sensitivity)	-125 dBm
Blocking Immunity:	
Interferer from ± 500 KHz to 1 MHz	75 dB
Interferer from ± 1 MHz to ± 15 MHz	80 dB
Audio Output @ < 5% Distortion:	1W

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Key Specifications

Transmitter Specifications

RF Output:	1W
Channel Spacing:	50 kHz
Audio Response:	
(from 6 dB/oct.Premphasis, 300 to 30000 Hz)	+1, -3 dB
Audio Distortion:	
(@ 1000 Hz, 60% Rated Max. Dev.)	<3%
FCC Modulation:	8-level FSK 900 MHz FHSS

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Audio Accessories

Earpiece with Microphone
Earpiece with Boom Microphone
Earpiece with Inline Push-to-Talk (PTT) Microphone
Earbud with Clip Microphone and Push-to-Talk (PTT)

MOTOROLA ORIGINAL

Only Motorola Original and Certified Accessories are system-tested with Motorola radios.

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Audio Accessories

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Batteries & Chargers

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Batteries & Chargers

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Holsters & Connectivity

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Do you speak digital?

Speak digital — and discover why it’s the new language of success for on-site two-way radio communication

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